

Monthly Progress Report

Army Creek Landfill Superfund Site: Western Lobe Study Area

Period: October 2019

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Prepared for: Army Creek Private Settlers & New Castle County

Physical Work Conducted, Deliverables Submitted, and Meetings/Teleconferences in Reporting Period

- Completed groundwater gauging (40 wells) and groundwater sampling (20 wells) between October 9 and October 18, 2019. Split samples with CDM. Three wells were not sampled due to access issues on Norfolk and Southern Rail property.
- Completed landfill gas vent sampling (4 gas vents) between October 17 and 18, 2019. Split samples with CDM. Six gas vents were not sampled due to lack of water in the gas vents.
- Completed volumetric purging (8 wells) between October 9 and 18, 2019.
- Submitted 38 groundwater samples (20 wells, plus QA/QC) and 36 blank samples (trip blanks, field blanks, equipment blanks, rinesate blanks, and DI water blanks) to Eurofins Test America Laboratory and Eurofins Lancaster Laboratory for analysis.
- Collected sample of purge water stored in onsite container and submitted to Eurofins Test America Laboratory for waste characterization analysis.

Physical Work, Deliverables and Meetings/Teleconferences Scheduled for Next Month (November)

- Receipt of groundwater analytical results from Eurofins TestAmerica and Eurofins Lancaster Laboratory.
- Initiate groundwater sample data validation and review.
- Initiate data review and preparation of the PFAS Source Evaluation Report.
- Submit purge water characterization results to New Castle County for approval to dispose of containerized water.
- Coordinate PFAS data transfer from DS&G Site with Golder and Associates.

Summary of Significant or Unexpected Test Results or Findings

- None this reporting period

Status of Access Agreements Obtained for Upcoming Work

- Unable to access MW-54, MW-56 and MW-58 for groundwater sampling due to no access agreement for working on Norfolk and Southern Rail property. ACPS has been in contact with Norfolk and Southern Railroad and will be submitting an Environmental Right of Entry Application within the next few weeks. Also, access from properties adjacent to the rail line for field staff to walk over and carry equipment to the well locations is being coordinated.

Unresolved Delays that May Affect Upcoming Work

- Access agreement with rail property will be needed for groundwater sampling of MW-54, MW-56 and MW-58 (PFAS sampling only). This sampling planned to be completed in mid-January 2020.

Proposed Modifications to Work Plans or Schedules

- None during this reporting period

Upcoming Deliverables (not included in above)

- None during this reporting period

Outstanding Items with USEPA

- None during this reporting period